

2023 Annual Stormwater Performance Report

SUBMITTED TO THE MINISTRY OF ENVIRONMENT,
CONSERVATION AND PARKS



Town of Caledon

TOWN OF CALEDON | STORMWATER@CALEDON.CA

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Executive Summary

The Town of Caledon's municipal stormwater system consists of 243 km of storm sewers, 1090 km of ditches, 5487 culverts and 126 stormwater management facilities, and is operated in conformance with the Province's Consolidated Linear Infrastructure Environmental Compliance Approval (CLI-ECA) program. The Town's stormwater infrastructure system manages runoff to minimize the risk of flooding and erosion to protect people and properties, as well as helps to protect our natural environment by improving water quality before it drains to streams and rivers.

Ontario's CLI-ECA program for stormwater infrastructure provides a consistent set of conditions for all municipalities to alter, operate and maintain their municipal stormwater management systems. Participation in the program is mandatory. The Town began participation in the program in October of 2022.

In accordance with the CLI-ECA agreement, the Town is required to prepare an annual performance report for the period of January 1st to December 31st of the preceding year. The report is to be provided to the Ministry of Environment, Conservation and Parks and to be made available to the public.

The enclosed report represents the Town's first Annual report and summarizes the work undertaken as part of the CLI-ECA program between October 2022 and December 31st, 2024. As part of this reporting period the Town approved stormwater infrastructure for five (5) draft plan of subdivision applications. This includes the approval of three new stormwater management ponds, designed to provide enhanced water quality control (80% suspended solid long-term removal), to service the community.

The Town undertook reconstruction of two (2) stormwater management facilities to improve the overall water quality performance and rehabilitated (cleaned out and properly disposed of collect suspended sediment) for three (3) stormwater management ponds.

Minor operational problems were encountered across the system related to poor drainage and damaged infrastructure. All concerns were inspected by staff and actions taken by the Town were primarily related to clearing obstructions as well as repairing linear infrastructure. The Town also coordinated planned maintenance at two (2) stormwater management facilities.

As part of the Town's CLI-ECA, we will be required to undertake system-wide monitoring across Caledon. The Province will be releasing guidance this year on how to meet this requirement and the Town will have 48 months to develop and implement a monitoring program. We anticipate reporting on this in future annual reports.

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STORMWATER MANAGEMENT IN CALEDON

Along with roads and bridges, stormwater infrastructure a core municipal asset. The Town's stormwater infrastructure system helps to manage runoff, minimize the risk of flooding and erosion to protect people and properties, and protects our natural environment through mitigation of urban impacts on water quality. The Town is committed to providing safe and effective management of stormwater runoff while maintaining, and where possible improving, ecosystem health.

The Town is responsible for managing stormwater infrastructure within municipally owned lands, or where there is an easement, in three ways:

1. The planning, design and approval of municipal stormwater infrastructure. A responsibility led by Development Engineering.
2. Routine and preventative maintenance over the life of the stormwater infrastructure. A responsibility led by Operations.
3. Renewal and replacement of infrastructure at life cycle milestones. A responsibility led by Engineering Capital, Design and Construction.

Stormwater management is a shared responsibility. Within the Caledon, property owners, the Region of Peel, and Conservation Authorities also play an important role. Property owners are responsible for stormwater on their property, the Region of Peel approves, operates and maintains municipal stormwater management infrastructure within Regional Roads, and Conservation Authorities are responsible for rivers and streams.

The Town's Municipal SWM System consists of 243 km of storm sewers, 1090.3 km of ditches, 5487 culverts (including OSIM, non-OSIM, and driveway culverts within the public right-of-way), 126 stormwater management facilities, and 298 outlets.

The Municipal Stormwater Management (SWM) System serving the Town of Caledon's 69,257 ha area outlets to the headwaters of the Credit River Watershed (30,384 ha), Humber River Watershed (31,309 ha), Etobicoke Creek Watershed (2,852 ha), Lake Simcoe Watershed (347 ha) and Nottawasaga Watershed (1,361 ha).



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ENVIRONMENTAL COMPLIANCE – ANNUAL STORMWATER MANAGEMENT REPORT

The Ministry of Environment, Conservation and Parks (MECP) has a Consolidated Linear Infrastructure Environmental Compliance Approval (CLI ECA) program that provides a consistent set of conditions for all Ontario Municipalities to adhere to in order to alter, operate and maintain municipal stormwater management systems. MECP issued a CLI ECA to the Town of Caledon on October 14, 2022 (324-S701, Issue 1).

In accordance with the Environmental Compliance Approval 324-S701, the Town is required to prepare an annual Stormwater Management Report for submission to MECP and made publicly available on the Town’s website. Table 1 lists the information that is required in the Annual Report and the section where it can be found in the document.

Table 1: Overview of Reporting Requirements

Required Content	Location in Annual Report
Summary of all monitoring data along with an interpretation of the data and an overview of the condition and operational performance of the Authorized System and any Adverse Effects on the Natural Environment*	Section 1, Monitoring Program Section 2, Monitoring Results
Summary and interpretation of environmental trends based on all monitoring information and data for the previous five (5) years*	Section 3, Environmental Trends
Summary of any operating problems encountered and corrective actions taken*	Section 4, Operations
Summary of all inspections, maintenance, and repairs carried out on any major structure, equipment, apparatus, mechanism, or thing forming part of the Authorized System	Section 4, Operations
Summary of the calibration and maintenance carried out on all monitoring equipment*	Section 4, Operations
Summary of any complaints related to the Sewage Works received during the reporting period and any steps taken to address the complaints	Section 5, Complaints
Summary of all Alterations to the Authorized System within the reporting period that are authorized by this Approval including a list of Alterations that pose a Significant Drinking Water Threats	Section 6, Alterations
Summary of all spills or abnormal discharge events	Section 7, Spills and Abnormal Discharge Events



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Summary of actions taken, including timelines, to improve or correct performance of any aspect of the Authorized System	Section 8, Summary of Actions Taken
Summary of the status of actions for the previous reporting year	Section 9, Summary of Actions from Previous Year

*The monitoring aspect of the Town's CLI ECA program has not yet come into effect and therefore has not been included in the 2023 Annual Report. In accordance with the Town's CLI-ECA conditions (condition 4.0 of schedule E), the Town will develop and execute the monitoring requirements twenty-four (24) months from the date the Ministry publishes their monitoring guidance.



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2023 ANNUAL STORMWATER MANAGEMENT REPORT DETAILS

Details on the Town's 2023 Annual Report is provided in Table 2. This report has been prepared in accordance with the Town's CLI-ECA 324-S701 for the period beginning on the date of issue of the Town's CLI-ECA, October 14, 2022, and extending to December 31, 2023.

Table 2: 2023 Annual Stormwater Management Report Details

Environmental Compliance Approval Number	324-S701, Issue 1
Name of Municipal Stormwater Management System	Town of Caledon Municipal Stormwater Management System
Name of System Owner	Caledon, The Corporation Of The Town Of
Period Reported	October 14, 2022* to December 31, 2023 *Note that the Town is including a portion of 2022 in the 2023 Annual Report as this time period was previously not been reported on.

Questions about the Report should be directed to the Town's general stormwater email account: stormwater@caledon.ca. Alternatively, please contact Shannon Malloy.

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SECTION 1: MONITORING PROGRAM INFORMATION

The monitoring aspect of the Town's CLI ECA program has not yet come into effect and therefore has not been included in the 2023 Annual Report. In accordance with the Town's CLI-ECA conditions (condition 4.0 of schedule E), the Town will develop and execute the monitoring requirements twenty-four (24) months from the date the Ministry publishes their monitoring guidance.



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SECTION 2: MONITORING RESULTS ANALYSIS

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SECTION 3: INTERPRETATION OF ENVIRONMENTAL TRENDS

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SECTION 4: OPERATIONS

As per the Town's CLI-ECA, the Town is to prepare and implement an operation and maintenance manual by January 1, 2025. While the operations and maintenance (O&M) manual is underway, the Town is committed to ensuring the stormwater management system is maintained and operational. The following figure depicts the Town's approach to operation and maintenance of our stormwater infrastructure. The content provided in this section includes actions the Town has undertaken throughout the reporting period to ensure system function.

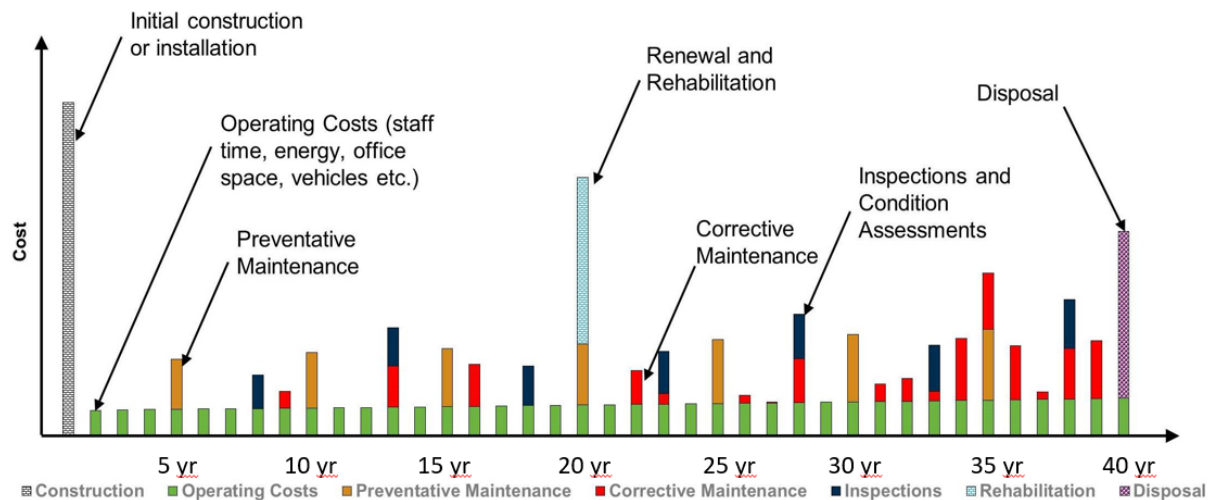


Figure 1: Visual Depiction of the Town's Stormwater Operation and Maintenance Approach

Operational Problems Experienced and Corrective Actions

All operation problems were relatively minor in nature. Minor operational problems encountered are described further in Section 5 and largely consisted of obstructed catchbasins, ditches and culverts. The type of obstructions included trash, debris, leaves, snow, overgrown vegetation, and sediment.

Inspections, Maintenance and Repairs

The following summarizes inspection, maintenance and repair actions undertaken throughout the reporting period.

1. Inspections:

Inspections that occurred in 2023 were largely to follow up on stormwater related complaints. Operational problems identified by complaints were inspected to determine if work was required to resolve the problem. Additionally, the Town undertook inspections of 30 km of the main storm sewer lines and determined a condition assessment.



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2. Maintenance and Repairs by Operations:

Routine infrastructure maintenance and/or repairs are rectified by the Town’s Operation’s division. This generally included clearing obstructions from ditches, culverts and catchbasins as well as repairing or replacing damaged/sunken catchbasins and maintenance holes. If substantial infrastructure repairs are needed the repair is deferred to Capital and Design Engineering.

3. Maintenance and Repairs by Capital and Design Engineering:

Preventative maintenance, including renewal and rehabilitation, is more intensive work and is primarily associated with stormwater management facilities. A summary of maintenance and/or repair of stormwater management facilities is included in Table 3. Other maintenance and repair carried out by Capital engineering include ditch maintenance, installation of subdrains, culvert replacements (66), new culverts (22), culvert removals (2), storm sewer repair and storm sewer lining.

Table 3: Summary of Stormwater Management Facility Maintenance

Facility Name	Type of Facility	Summary of Work
Caledon East_Infiltration29_Plan 43M-896 Blk 25	Infiltration Basin	Retrofit – improve pond design
Bolton_Wet Pond17_Vaughan Plan 43M-1208	Wet Pond	Rehabilitation - sediment removal and restoration
Caledon East_Wet Pond33_Plan 43M-1723 Blk 72	Wet Pond	Rehabilitation - sediment removal and restoration
Bolton_Constructed Wetland4_Plan 43M-1264 Blk 76	Constructed Wetland	Retrofit – improve pond design
Bolton_Wet Pond7_Plan 43M-1372 Blk 272	Wet Pond	Rehabilitation - sediment removal and restoration
Bolton_Wet Pond9_Plan 43M-1324 Blk 307	Wet Pond	Rehabilitation - Outlet structure repairs
Bolton_WetPond10_Plan43M-1287Blk 83	Wet Pond	Rehabilitation - Invasive species removal

Calibration and Maintenance of Monitoring Equipment

The monitoring aspect of the Town’s CLI ECA program has not yet come into effect therefore it has not been included in the 2023 Annual Report. Based on MECP phasing of CLI ECA requirements, the earliest possible reporting of this information will be in in the Towns 2026 Annual Report.



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SECTION 5: COMPLAINTS

Summary of Complaints Received and Actions Taken

The Town of Caledon uses PSD City Wide for entering and tracking complaints and issuing workorders against Town assets. The general process is that a service request is generated in PSD Citywide for all complaints received by the Town. The service request is directed to the appropriate Caledon staff to look into and determine appropriate action for the complaint to be resolved. If needed a work order will be issued to address the complaint. A summary of complaints that were received and work orders generated during the reporting period are in Table 4.

Table 4: Summary of Complaints

Service Request Type	Details about Complaints Received and Actions Taken	Assumed or Unassumed	Number of Service Requests	Number of Work Orders
Catch Basin Maintenance	Details about Complaints - <u>Blockage</u> - Leaves, Trash, Debris - <u>Drainage Concern</u> - Debris/sediment in ROW blocking flow path to CB - <u>Physical Condition</u> - Alignment, raised/lack of top coat, broken grate	Assumed	55	25
	Actions Taken - <u>Review Service Request</u> and inspect - A workorder is created to correct concerns as needed - <u>Work Order</u> - Most work orders generated entail street sweeping, clearing the catch basin, repair of the physical condition as required	Unassumed	4	0



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Service Request Type	Details about Complaints Received and Actions Taken	Assumed or Unassumed	Number of Service Requests	Number of Work Orders
Ditch / Culvert Maintenance	<p>Details about Complaints -<u>Blockage</u> - Sediment build up, overgrown vegetation Erosion -<u>Drainage Concern</u> - Impediment in the contributing drainage area -<u>Physical Condition</u> - Collapsed Culvert</p> <p>Actions Taken -<u>Review Service Request and inspect</u> - A workorder is created to correct concerns as needed -<u>Work Order</u> -Most work orders generated entailed clearing culverts, alignment adjustments to address flooding, implement erosion control</p>	Assumed Unassumed	121 1	60 0
Drainage Flooding	<p>Details about Complaints Prolonged ponding/flooding after rain events, snow/ice buildup, obstruction to flow path, sunken manhole risers creating ponding. In unassumed areas the drainage complaints are commonly associated with filter cloth in catchbasins for sediment control is impeding drainage as well as poor drainage due to lack of top coat</p> <p>Actions Taken -<u>Review Service Request and inspect</u> - A workorder is created to correct concerns as needed -<u>Work Order</u> -Most work orders generated entailed clearing the blockage (most often sediment or ice), one of the more involved work orders was adding an infiltration trench to a Town easement to improve drainage.</p>	Assumed Unassumed	44 4	11 1
Spills	<p>Details about Complaints -Oil/gas from cars and faulty equipment -Soil and mud</p> <p>Actions Taken Staff followed up on service requests. Cleanup was completed as necessary. In one case the</p>	N/A	11	2



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Service Request Type	Details about Complaints Received and Actions Taken	Assumed or Unassumed	Number of Service Requests	Number of Work Orders
	Spill was addressed by the Region of Peel Spill unit			
Stormwater Management Facility Maintenance*	<p>Details about Complaints</p> <ul style="list-style-type: none"> -Reported issues associated with the SWM facilities was related to aesthetics specifically garbage within and around SWM facilities. -A major complaint was dead waterfowl at one stormwater facility <p>Actions Taken</p> <ul style="list-style-type: none"> - Coordinated trash removal from stormwater management facilities -Actions taken regarding dead waterfowl were operations fencing off access to the pond area as well as notifying the OPP - officers kept members of the public away from paths. Public health was contacted and testing for Avian Influenza was conducted by the Canadian Wildlife Health Cooperative. Water sampling of the facility was conducted to rule out contaminants as a cause of the die off. Communications published a media release to notify the public of Avian Influenza testing and provided a second media release confirming positive tests for Avian Influenza. 	N/A*	N/A*	N/A*

*Note that PSD City Wide currently does not have a service request type for stormwater management facilities, therefore complaints were not formally tracked.



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SECTION 6: SUMMARY OF ALTERATIONS TO THE SYSTEM

Summary of all Alterations to the System

As part of the Consolidated Linear Infrastructure Environmental Compliance Approval the Town is responsible for ensuring that the conditions and minimum design requirements, as determined by the Province, are met for all new or altered stormwater infrastructure that is located within Town owned lands. Table 5 summarizes all of the alterations (new, replacement, extension) to the municipal stormwater management system that the Town approved through our CLI-ECA agreement. These number are summarized based on number of records of authorization (i.e. SW Forms) that were processed by the Town.

Table 5: Summary of Alterations to the Municipal Stormwater Management System

Alteration Type	Number of Alterations	Number of Alterations that Pose a Significant Drinking Water Threat
Pre-Authorized Storm Sewer, Ditch or Culvert	<u>Development Engineering:</u> Five (5) SW1 forms authorized <u>Capital Engineering:</u> Nine (9) SW1 forms authorized	0
Pre-Authorized Stormwater Management Facility	<u>Development Engineering:</u> Three (3) SW2 forms authorized <u>Capital Engineering:</u> None	0
Pre-Authorized Third Pipe	Zero (0) SW3 forms authorized	0
Previously Approved Works	0	0
Schedule C Works	0	0

Significant Alterations Authorized

All SW1 Forms for Development Engineering were associated with Draft Plan of Subdivision Applications. All three SW2 forms authorized during the reporting period included a wet pond providing 80% TSS removal to service the community.



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SECTION 7: SPILLS AND ABNORMAL DISCHARGE EVENTS

Summary of Spills and Abnormal Discharge Events

The Region of Peel is responsible for responding to spills on behalf of the Town of Caledon. A summary of spills on private and public property, and action taken, was provided by the Region and included below. A summary of spills that occurred in Caledon is included in Table 6. The spill location is based on affected ward in Caledon and so the wards are as illustrated in Figure 2.

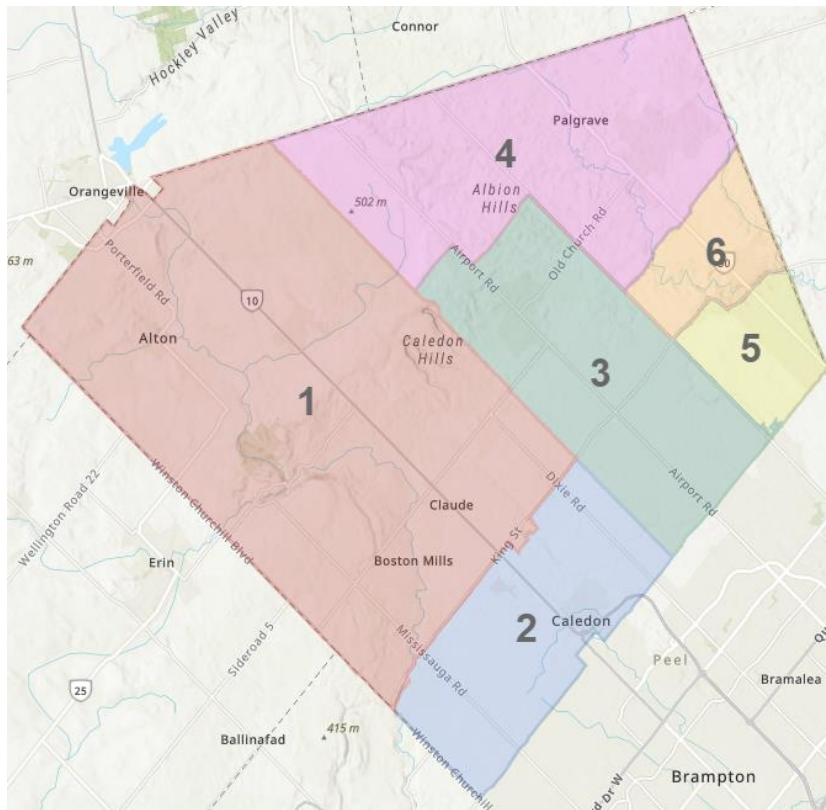


Figure 2: Town of Caledon Ward Boundaries



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Table 6: Summary of Spills and Abnormal Discharge Events

Incident #	Date	Time	Caledon Ward	Address/Location	Description of Spill / Event	Comments/Actions Taken
22-576	10/18/2022	13:50	C1	43 North Riverdale Drive, Caledon	Hydraulic oil spill form Sept. 23	Spread sorbent on heavy sheen/confirmed CB's in area were clear
22-601	10/28/2022	18:56	C5	12550 Highway 50 Caledon	property line sanitary sewer back up	slightly moist around the manhole
22-608	11/1/2022	16:35	C5	12550 Highway 50 Caledon	sanitary sewer back up	no spill Region crews freed the blockage
22-622	11/6/2022	10:30	C4	Centreville Creek Road/King St, Caledon	small amount of gas on road and ditch	roads put down and sand and will remove
22-649	11/21/2022	16:51	C4	7280 King Street, Caledon	Hydraulic oil and another unknown product	Separated and placed in separated 5 gallon pails for disposal
22-656	11/24/2022	11:10	C4	6688 Mayfield Road, Caledon	Septic Tank Potentially Leaking? Smell an Odour	Did not observe foul odour when onsite, no evidence of septic tank leak
22-669	11/28/2022	13:45	C4	6 Manchester Court, Caledon	Petroleum Spill Complaint	No evidence of spill event once I arrived onsite, nothing observed at site
22-671	11/29/2022	9:00	C2	NE Corner of Kennedy Road and Mayfield Road, Caledon	Complaint of Black Sludge and Concrete Bags in Pond	Intentially done by Region of Peel for temporary solution
22-690	12/7/2022	10:22	C5	12673 Coleraine Drive Caledon	powerwashing outdoor to storm sewer	drains are backing up need to dye trace
23-001	1/1/2023	0:50	C4	12698 Centreville Creek Road, Caledon Ontario	Diesel Spill + Fire Runoff (~3600L)	Contained in Parking Lot and Dissipated Away in Gravel
23-011	1/6/2023	12:25	C2	6186 Mayfield Road Caledon	Truck fire and contaminated soil	cleaned up by yard owner



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Incident #	Date	Time	Caledon Ward	Address/Location	Description of Spill / Event	Comments/Actions Taken
23-031	1/17/2023	13:30	C1	15707 McLaughlin Road North, Caledon	Murky brown water discharge to storm sewer	Murky brown water to storm sewer system
23-061	2/2/2023	0:45	C2	Highway 10/King Street, Caledon	Uknown volume of Chicken Grease	Contained to road/Impacted area sanded and swept
23-074	2/10/2023	16:24	C4	9 Zimmerman Drive Caledon	225 litres of red diesel fuel	no catch basins affected all on private property
23-157	3/31/2023	20:10	C5	Ellwood Drive and Ridge Road Caledon	Deisel odours and sheen on roadway	source unknowm pad placed in catch basin
23-191	4/12/2023	11:30	C4	8260 Mayfield Road, Caledon	Resident Complaint of Garbage Dumping Onsite	Nothing Observed While Onsite
23-193	4/12/2023	17:30	C3	15 Jean Street, Caledon East	Sanitary Overflow at School	No Impact to Environment, All Contained Inside School
23-201	4/15/2023	15:48	C2	Rear of 13941 Airport Road, Caledon	Alleged discharge of motor oil from pipe	No physical motor oil found. Only brown/black old staining on vegetation
23-207	4/20/2023	15:25	C4	8260 Mayfield Road, Caledon	Neighbour disposing of garbage at property line	Confirmed garbage on property - Caledon By-Law notified
23-216	4/25/2023	11:35	C2	12203 Airport Road, Caledon	Approx. 20 litres of diesel from saddle tank	Contained to property, no sewers/Sorbent spread and swept for disposal
23-227	4/28/2023	17:30	C2	6186 Mayfield Road, Caledon	Fire Water + Foam + Diesel Runoff	Vacted by Cenntennial, All Contained in Parking Lot
23-253	5/8/2023	5:41	C1	Mayfield Road east of Goreway Drive Caledon	5 litres of gasoline in storm ditch	dirt bike accident
23-258	5/10/2023	9:17	C3	27 Orsi Road Caledon	House fire 3 vehicles involved	80 litres of foam used Humber river is clear
23-259	5/10/2023	14:58	C4	Highway 50 and Emil Kolb Parkway	200 litre diesel fuel spill	punctured diesel fuel truck tank
23-273	5/17/2023	12:00	C5	142 King Street E, Caledon	Lawn mower fell into Humber Creek	No visible spill, owner removed mower



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Incident #	Date	Time	Caledon Ward	Address/Location	Description of Spill / Event	Comments/Actions Taken
23-303	5/31/2023	14:15	C5	42 Highmore Ave, Caledon	<5 L Hydraulic oil	Staining near CB, pads placed in CB, asked Caledon to remove
23-306	6/1/2023	18:03	C1	17151 St Andrew Road, Caledon	Corn Herbicide	Corn herbicide was reported to have spilled from a truck, no spill observed.
23-320	6/6/2023	15:31	C4	South of Old Church Road, Caledon	Farm/human sewage	None observed
23-321	6/6/2023	19:19	C4	12850 Centreville Creek Road, Caledon	Truck fire	Truck fire, oil and diesel spilled onto property, no offsite impacts
23-327	6/7/2023	12:48	C4	8070 Old Church Road	Blood spill in storm ditch	The red colour was due to blood worms (nymph larvea)
23-355	6/18/2023	12:07	C2	14609 Dixie Road, Caledon	Motor vehicle fluids	Motor vehicle fluids impacted the residents lawn, private well on site.
23-382	6/28/2023	16:30	C5	King Ssreet/Humber Lea Road, Bolton	Sediment Release from heavy rain fall	Humber River clear at time of response
23-406	7/8/2023	22:14	C2	West of 5962 Old School Road, Caledon	Possible motor oil in watercourse	Checked watercourse. No motor oil or rainbow coloured sheen discovered
23-421	7/13/2023	22:45	C2	13908 Hurontario St, Inglewood	50-60L of diesel	Diesel spill in a gravel yard, cleaned by excavation
23-430	7/18/2023	16:00	C5	Waterbury Street, Bolton	Hydraulic oil leak	Hydraulic oil from a garbage truck impacted the roadway
23-440	7/21/2023	16:05	C5	680 Hardwick Road, Caledon	Fuel Spilt at Back of Facility	Reported a Day Late, Nothing Observed While Onsite the Next Day
23-442	7/25/2023	15:00	C3	Old Church Road and Marlyne Street East, Caledon	Complaint of White Waste in Waterway	No Ill Effects to Surrounding Environment
23-472	8/5/2023	10:18	C4	59 Cedargrove Road, Caledon	Transformer oil	No offsite impacts, impacted area remediated by Hydro One subcontractors
23-503	8/16/2023	11:30	C4	17090 Regon Road #50, Caledon	Leaking diesel fuel from parked vehicle	Multisorb spread on 3'x5' private asphalt area. Cleaned up. No sewers



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Incident #	Date	Time	Caledon Ward	Address/Location	Description of Spill / Event	Comments/Actions Taken
23-512	8/18/2023	8:51	C5	Highway 50/Columbia Way, Bolton	Approx. 5 litres of coolant from Bus	Sorbent spread and swept/No sewers impacted
23-515	8/18/2023	13:45	C3	McCardy Court, Bolton (Retention Pond)	Low flow/Algae in retention pond	Confirmed normal appearance and no HAB present
23-557	9/8/2023	1:50	C2	14940 Hurontario Street, Caledon	Fuel spill from MVC	Minor stain on driveway of residence/No sewers impacted
23-575	9/14/2023	9:45	C4	Highway 9/Mount Wolfe Road, Caledon	20 litres of oil, 20 l of coolant	Material contained to road and shoulder, no off site contamination
23-579	9/18/2023	17:13	C5	Emil Kolb Parkway/Highway 50	40 litres of diesel	10 litres to catch basin, contained in catch basin
23-594	9/26/2023	21:48	C5	McLean Road and The Grange Caledon	5-10 litres of vehicle fluids	Only road surface affected. Town of Caledon to sweep road
23-604	10/1/2023	13:18	C4	19854 Airport Road, Caledon	Alleged sanitary sewage leak from septic bed	5'x10' of discoloured water on private side grass. No storm sewers affected
23-638	10/16/2023	16:51	C4	15505 Centreville Creek Road, Caledon	Private Pond discoloured (Greyish)	Spoke with SAC and agreed a response was not required
23-649	10/23/2023	13:38	C5	In front of 90 Simona drive, Caledon	Fuel	Vehicle accident, hydrocarbon release, minor impact on road, cleaned by ToC
23-651	10/24/2023	9:08	C4	Healy Road & Holland Road intersection, Caledon	Hydraulic oil	Long trail on the road, sanded and swept by the owner of the spill, 911 construction
23-652	10/24/2023	8:57	C5	12557 Coleraine Drive, Caledon	Diesel	Diesel spilled onto a parking lot and impacted one catch basin, no downstream impacts
23-657	10/26/2023	9:37	C2	Highway 10 north of Old School Road, Caledon	Car accident with 40-50 litres of diesel	Fuel on road and in ditch, area held for investigation
23-664	10/31/2023	12:55	C3	16057 AIRPORT RD, Caledon East	Approx 30L, sewage back up	Small puddle of sewage on grass around MAH



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Incident #	Date	Time	Caledon Ward	Address/Location	Description of Spill / Event	Comments/Actions Taken
23-671	11/3/2023	12:30	C5	Centennial Drive and Highway 50 Caledon	complaint of truck dumping waste in catch basin	nothing was found after investigating
23-693	11/15/2023	14:00	C1	Credit River off Dominion Street, Caledon	Sediment release from construction site into river	Occurred earlier in the day. Release stopped. Already dissipated downstream
23-704	11/17/2023	10:42	C1	Forks of the Credit and Dominain Street, Caledon	Sediment release from construction project	previously dealt with by Paul
23-714	11/23/2023	21:05	C2	Torbram Road/S. of King Street, Caledon	Fuel in in ditch from vehicle roll-over	Ditch vactored for disposal
23-737	12/5/2023	11:11	C2	12203 Airport Road, Caledon	Diesel	Diesel spilled onto a truck lot, impact to CB, no impacts downstream
23-779	12/22/2023	5:06	C2	At the intersection of Boston Mills Road and Highway 10, Caledon	approx 600L diesel	MVF spilled to the roadway and 1 catch basin, no offsite impacts
22-576	10/18/2022	13:50	C1	43 North Riverdale Drive, Caledon	Hydraulic oil spill form Sept. 23	Spread sorbent on heavy sheen/confirmed CB's in area were clear
22-601	10/28/2022	18:56	C5	12550 Highway 50 Caledon	property line sanitary sewer back up	slightly moist around the manhole
22-608	11/1/2022	16:35	C5	12550 Highway 50 Caledon	sanitary sewer back up	no spill Region crews freed the blockage
22-622	11/6/2022	10:30	C4	Centreville Creek Road/King St, Caledon	small amount of gas on road and ditch	roads put down and sand and will remove
22-649	11/21/2022	16:51	C4	7280 King Street, Caledon	Hydraulic oil and another unknown product	Separated and placed in separated 5 gallon pails for disposal
22-656	11/24/2022	11:10	C4	6688 Mayfield Road, Caledon	Septic Tank Potentially Leaking? Smell an Odour	Did not observe foul odour when onsite, no evidence of septic tank leak



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22-669	11/28/2022	13:45	C4	6 Manchester Court, Caledon	Petroleum Spill Complaint	No evidence of spill event once I arrived onsite, nothing observed at site
22-671	11/29/2022	9:00	C2	NE Corner of Kennedy Road and Mayfield Road, Caledon	Complaint of Black Sludge and Concrete Bags in Pond	Intentially done by Region of Peel for temporary solution
22-690	12/7/2022	10:22	C5	12673 Coleraine Drive Caledon	powerwashing outdoor to storm sewer	drains are backing up need to dye trace
23-001	1/1/2023	0:50	C4	12698 Centreville Creek Road, Caledon Ontario	Diesel Spill + Fire Runoff (~3600L)	Contained in Parking Lot and Dissipated Away in Gravel
23-011	1/6/2023	12:25	C2	6186 Mayfield Road Caledon	Truck fire and contaminated soil	cleaned up by yard owner
23-031	1/17/2023	13:30	C1	15707 McLaughlin Road North, Caledon	Murky brown water discharge to storm sewer	Murky brown water to storm sewer system
23-061	2/2/2023	0:45	C2	Highway 10/King Street, Caledon	Uknown volume of Chicken Grease	Contained to road/Impacted area sanded and swept
23-074	2/10/2023	16:24	C4	9 Zimmerman Drive Caledon	225 litres of red diesel fuel	no catch basins affected all on private property
23-157	3/31/2023	20:10	C5	Ellwood Drive and Ridge Road Caledon	Deisel odours and sheen on roadway	source unknowm pad placed in catch basin
23-191	4/12/2023	11:30	C4	8260 Mayfield Road, Caledon	Resident Complaint of Garbage Dumping Onsite	Nothing Observed While Onsite
23-193	4/12/2023	17:30	C3	15 Jean Street, Caledon East	Sanitary Overflow at School	No Impact to Environment, All Contained Inside School
23-201	4/15/2023	15:48	C2	Rear of 13941 Airport Road, Caledon	Alleged discharge of motor oil from pipe	No physical motor oil found. Only brown/black old staining on vegetation
23-207	4/20/2023	15:25	C4	8260 Mayfield Road, Caledon	Neighbour disposing of garbage at property line	Confirmed garbage on property - Caledon By-Law notified



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23-216	4/25/2023	11:35	C2	12203 Airport Road, Caledon	Approx. 20 litres of diesel from saddle tank	Contained to property, no sewers/Sorbent spread and swept for disposal
23-227	4/28/2023	17:30	C2	6186 Mayfield Road, Caledon	Fire Water + Foam + Diesel Runoff	Vacted by Cenntennial, All Contained in Parking Lot
23-253	5/8/2023	5:41	C1	Mayfield Road east of Goreway Drive Caledon	5 litres of gasoline in storm ditch	dirt bike accident
23-258	5/10/2023	9:17	C3	27 Orsi Road Caledon	House fire 3 vehicles involved	80 litres of foam used Humber river is clear
23-259	5/10/2023	14:58	C4	Highway 50 and Emil Kolb Parkway	200 litre diesel fuel spill	punctured diesel fuel truck tank
23-273	5/17/2023	12:00	C5	142 King Street E, Caledon	Lawn mower fell into Humber Creek	No visible spill, owner removed mower
23-303	5/31/2023	14:15	C5	42 Highmore Ave, Caledon	<5 L Hydraulic oil	Staining near CB, pads placed in CB, asked Caledon to remove
23-306	6/1/2023	18:03	C1	17151 St Andrew Road, Caledon	Corn Herbicide	Corn herbicide was reported to have spilled from a truck, no spill observed.
23-320	6/6/2023	15:31	C4	South of Old Church Road, Caledon	Farm/human sewage	None observed
23-321	6/6/2023	19:19	C4	12850 Centreville Creek Road, Caledon	Truck fire	Truck fire, oil and diesel spilled onto property, no offsite impacts
23-327	6/7/2023	12:48	C4	8070 Old Church Road	Blood spill in storm ditch	The red colour was due to blood worms (nymph larvea)
23-355	6/18/2023	12:07	C2	14609 Dixie Road, Caledon	Motor vehicle fluids	Motor vehicle fluids impacted the residents lawn, private well on site.
23-382	6/28/2023	16:30	C5	King Ssreet/Humber Lea Road, Bolton	Sediment Release from heavy rain fall	Humber River clear at time of response
23-406	7/8/2023	22:14	C2	West of 5962 Old School Road, Caledon	Possible motor oil in watercourse	Checked watercourse. No motor oil or rainbow coloured sheen discovered



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23-421	7/13/2023	22:45	C2	13908 Hurontario St, Inglewood	50-60L of diesel	Diesel spill in a gravel yard, cleaned by excavation
23-430	7/18/2023	16:00	C5	Waterbury Street, Bolton	Hydraulic oil leak	Hydraulic oil from a garbage truck impacted the roadway
23-440	7/21/2023	16:05	C5	680 Hardwick Road, Caledon	Fuel Spilt at Back of Facility	Reported a Day Late, Nothing Observed While Onsite the Next Day
23-442	7/25/2023	15:00	C3	Old Church Road and Marlyne Street East, Caledon	Complaint of White Waste in Waterway	No Ill Effects to Surrounding Environment
23-472	8/5/2023	10:18	C4	59 Cedargrove Road, Caledon	Transformer oil	No offsite impacts, impacted area remediated by Hydro One subcontractors
23-503	8/16/2023	11:30	C4	17090 Regon Road #50, Caledon	Leaking diesel fuel from parked vehicle	Multisorb spread on 3'x5' private asphalt area. Cleaned up. No sewers impacted
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SECTION 8: ACTIONS TAKEN TO IMPROVE OR CORRECT PERFORMANCE

As part of the Town’s ongoing commitment to improving stormwater performance for all of our sewersheds action was taken to improve or correct performance. Table 7 summarizes initiatives the Town undertook during the reporting period.

Table 7: Actions Taken in Current Reporting Year to Improve and Correct Performance

Action Number	Issue	Actions to be Taken	Target Completion Date
1	Lack of pre-treatment in the Town’s stormwater management system.	Pilot project was initiated where CB Shields and LittaTrap inlet filters were installed in a small selection of catchbasins. The intent of the project is to determining effective pre-treatment options for Caledon. The primary target is sediment removal and the associated contaminants and to increase the level of TSS Removal in existing built out sewersheds.	December 31, 2024
2	Invasive Species	Invasive species management occurred at <i>Bolton_WetPond10_Plan43M-1287Blk 83</i> on September 1 st 2023. Two patches (166m ²) of invasive phragmites (<i>Phragmites australis</i>) received chemical, low volume, spot treatments using RoundUp WeatherPro (PCP # 33653). Application methods were completed via hand-sprayers and was supervised by an Ontario Intergrated Pest Management (IPM)- Public Works Agent in dry locations only. The three (31m ²) remaining patches received mechanical treatment via spading (wet area) or mowing. Follow up monitoring and treatments will be required in 2024. Expanding invasive plant inventory in stormwater ponds Caledon-wide is strongly encouraged as part of a management strategy.	Initial Phragmites treatments: November 2023 Follow up treatments: November 2024 and ongoing.

Update on Actions from Previous Reporting Year

The 2023 annual report is the first reporting year under the CLIECA program. This section will be completed for future annual reports.



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SECTION 9: ADDITIONAL NOTES / COMMENTS

It is notable that the Town of Caledon's updated Official Plan was adopted by council March 2024 and identifies considerable growth for the Town. The Official Plan includes over 4,000 hectares of new urban area in south Caledon to be developed as new community and employment areas over the next 30 years. This growth will create significant expansions to the Town's stormwater management system.

In 2024, a key goal for Caledon is to complete a condition assessment of stormwater assets, predominately through CCTV of linear infrastructure and bathymetric surveys of stormwater management facilities. The Town is initiating its first full inspection of all stormwater management facilities and will be updating signage at all of the stormwater management facilities to align with the CLI-ECA requirements.

SECTION 10: MAKING THE REPORT PUBLICLY AVAILABLE

The Annual Stormwater report will be posted to the Town of Caledon webpage. The Link to where the information will be posted is as follows: <https://www.caledon.ca/en/town-services/Stormwater.aspx>



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